



STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/524,724
Source: ILFWP
Date Processed by STIC: 02/21/2007

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007

TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

3 <110> APPLICANT: DUNKLEY, et al.
 5 <120> TITLE OF INVENTION: Modified Tailed Oligonucleotides
 7 <130> FILE REFERENCE: E072 1050.1
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/524,724
 11 <141> CURRENT FILING DATE: 2005-02-16
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003612
 14 <151> PRIOR FILING DATE: 2003-08-18
 16 <150> PRIOR APPLICATION NUMBER: GB 0219143.5
 17 <151> PRIOR FILING DATE: 2002-08-16
 19 <160> NUMBER OF SEQ ID NOS: 16
 21 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
 Corrected Diskette Needed
 (PS-1-6)

ERRORED SEQUENCES

23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 21
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: PCR primer
 31 <400> SEQUENCE: 1
 E--> 32 gggctgctgg ttgtctaccc a _____ 21
 33 21
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 27
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: PCR Primer
 43 <400> SEQUENCE: 2
 E--> 44 aacttacctg ccaaaaatga tgagaca _____ 27
 45 27
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 41
 49 <212> TYPE: DNA
 50 <213> ORGANISM: Artificial sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: PCR primer
 55 <400> SEQUENCE: 3
 E--> 56 attcatgtta tatggctgac agactatcaa cttaatttct g _____ 41
 57 41
 59 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007
TIME: 14:09:09

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J524724.raw

```

60 <211> LENGTH: 35
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: PCR primer
67 <400> SEQUENCE: 4
E--> 68 gttagcagag tcgacgtgat ataaaatggc atatc 35
69 35
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 26
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: PCR primer
79 <400> SEQUENCE: 5
E--> 80 cattccttaa atcggagtaa gtctgc 26
81 26
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 27
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: PCR primer
91 <400> SEQUENCE: 6
E--> 92 gcagacttac tcctgattta aggaatg 27
93 27
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 42
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: PCR primer
103 <400> SEQUENCE: 7
E--> 104 aaattaatac gactcactat agggctgctg gttgtctacc ca 42
105 42
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 38
109 <212> TYPE: RNA
110 <213> ORGANISM: Artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: modified tailed oligonucleotide
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (1)..(23)
118 <223> OTHER INFORMATION: tail region
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (24)..(38)
123 <223> OTHER INFORMATION: complementary region

```

RAW SEQUENCE LISTING

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

125 <400> SEQUENCE: 8

E--> 126 agaagaacga agaacgaaga acagauuuug ucuaaaac 38

127 38

129 <210> SEQ ID NO: 9

130 <211> LENGTH: 38

131 <212> TYPE: RNA

132 <213> ORGANISM: Artificial sequence

134 <220> FEATURE:

135 <223> OTHER INFORMATION: modified tailed oligonucleotide

137 <220> FEATURE:

138 <221> NAME/KEY: misc_feature

139 <222> LOCATION: (1)..(15)

140 <223> OTHER INFORMATION: complementary region

142 <220> FEATURE:

143 <221> NAME/KEY: misc_feature

144 <222> LOCATION: (16)..(38)

145 <223> OTHER INFORMATION: tail region

147 <400> SEQUENCE: 9

E--> 148 gauuuugucu aaaacagaag aacgaagaac gaagaaca 38

149 38

151 <210> SEQ ID NO: 10

152 <211> LENGTH: 38

153 <212> TYPE: RNA

154 <213> ORGANISM: Artificial sequence

156 <220> FEATURE:

157 <223> OTHER INFORMATION: modified tailed oligonucleotide

159 <220> FEATURE:

160 <221> NAME/KEY: misc_feature

161 <222> LOCATION: (1)..(23)

162 <223> OTHER INFORMATION: tail region

164 <220> FEATURE:

165 <221> NAME/KEY: misc_feature

166 <222> LOCATION: (24)..(38)

167 <223> OTHER INFORMATION: complementary region

169 <400> SEQUENCE: 10

E--> 170 aggaggacgg aggacggagg acagauuuug ucuaaaac 38

171 38

173 <210> SEQ ID NO: 11

174 <211> LENGTH: 38

175 <212> TYPE: RNA

176 <213> ORGANISM: Artificial sequence

178 <220> FEATURE:

179 <223> OTHER INFORMATION: modified tailed oligonucleotide

181 <220> FEATURE:

182 <221> NAME/KEY: misc_feature

183 <222> LOCATION: (1)..(23)

184 <223> OTHER INFORMATION: tail region

186 <220> FEATURE:

187 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007
TIME: 14:09:09

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J524724.raw

188 <222> LOCATION: (24)..(38)
189 <223> OTHER INFORMATION: complementary region
191 <400> SEQUENCE: 11
E--> 192 aucuuuccuc uuuccucuuu ccagauuuug ucuaaaac 38
193 38
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 38
197 <212> TYPE: RNA
198 <213> ORGANISM: Artificial sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: modified tailed oligonucleotide
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (1)..(23)
206 <223> OTHER INFORMATION: tail region
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
210 <222> LOCATION: (24)..(38)
211 <223> OTHER INFORMATION: complementary region
213 <400> SEQUENCE: 12
E--> 214 auagggcagg cuagggcagg ccagauuuug ucuaaaac 38
215 38
217 <210> SEQ ID NO: 13
218 <211> LENGTH: 15
219 <212> TYPE: RNA
220 <213> ORGANISM: Artificial sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: modified tailed oligonucleotide
225 <220> FEATURE:
226 <221> NAME/KEY: misc_feature
227 <222> LOCATION: (1)..(15)
228 <223> OTHER INFORMATION: complementary region
230 <400> SEQUENCE: 13
E--> 231 gauuuugucu aaac 15
232 15
234 <210> SEQ ID NO: 14
235 <211> LENGTH: 14
236 <212> TYPE: RNA
237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: modified tailed oligonucleotide
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (1)..(14)
245 <223> OTHER INFORMATION: complementary region
247 <400> SEQUENCE: 14
E--> 248 accugucuu aggu 14
249 14
272 <210> SEQ ID NO: 16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007
TIME: 14:09:09

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J524724.raw

274 <211> LENGTH: 23
275 <212> TYPE: RNA
276 <213> ORGANISM: Artificial sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: tail region for modified tailed oligonucleotide
281 <400> SEQUENCE: 16

!--> 282 aggaggacgg aggacggagg aca 23

283 23

!--> 285 1

!--> 288 1

↓
Pls delete.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007
TIME: 14:09:10

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J524724.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 32
Seq#:2; Line(s) 44
Seq#:3; Line(s) 56
Seq#:4; Line(s) 68
Seq#:5; Line(s) 80
Seq#:6; Line(s) 92
Seq#:7; Line(s) 104
Seq#:8; Line(s) 126
Seq#:9; Line(s) 148
Seq#:10; Line(s) 170
Seq#:11; Line(s) 192
Seq#:12; Line(s) 214
Seq#:13; Line(s) 231
Seq#:14; Line(s) 248
Seq#:15; Line(s) 270
Seq#:16; Line(s) 282

FYI

VERIFICATION SUMMARY

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:10

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:32 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:1
L:44 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:2
L:56 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:3
L:68 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:35 SEQ:4
L:80 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:5
L:92 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:6
L:104 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:42 SEQ:7
L:126 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:8
L:148 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:9
L:170 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:10
L:192 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:11
L:214 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:12
L:231 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:15 SEQ:13
L:248 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14 SEQ:14
L:262 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:16
L:285 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:288 M:254 E: No. of Bases conflict, this line has no nucleotides.